



GA takes final stand in SHL mixer debate

By Drew Jaglom

In its fifth meeting concerning the proposed Student Homophile League Mixer, the General Assembly Tuesday night reaffirmed the right of the SHL to hold a mixer, disbanded its task force on the subject, and terminated consideration of the issue.

These decisions effectively precluded a major GA confrontation with Dean for Student Affairs J. Daniel Nyhart. Should Nyhart continue to reject the SHL mixer request, UAVP Steve Ehrmann explained, the issue will not reach the Assembly agenda again until next term.

The GA task force, in a twelve-page report distributed to the delegates, argued against the mixer. The authors noted that they did not oppose the mixer itself, rather emphasizing that the positive arguments had already been presented and stressing the need to consider Nyhart's point of view. When a delegate asked about probable reactions to a homosexual mixer, a task force member mentioned that Nyhart's office already has received complaints about SHL meeting announcements in the Institute Calendar.

Repressive document

Speaking at the meeting, SHL leader Stan Tillotson called the report "the most repressive

(Please turn to page 5)

Colleges face bomb threats

By Pete Materna

Confusion and disruption caused by false bomb threats are leading the administrators of colleges in the Boston area to attempt a variety of methods to alleviate the situation.

While only Harvard has actually been bombed, threats of bombs have played havoc with the activities of local schools.

Boston University, probably the most often threatened, has seen improvement since it modified its old policy of compulsory evacuation about a month ago. Under BU's present policy no one is forced to evacuate a threatened building. All persons inside are notified of the danger by alarms, but they can either leave the building or stay inside at their own risk. Public Information Director Russell Adams reports that while only small numbers of students have elected to remain in threatened buildings, the number of such scares has dropped considerably. He says there have been only

about twelve since the policy took effect, compared with about 80 prior to it.

Harvard has received a variety of bomb threats, but none that involved large numbers of people in classrooms. Professor Archibald Cox, who has assisted Harvard's president in dealing with bomb threats, said he considers Harvard's problem less severe than that faced by such schools as BU and Northeastern.

MIT had at least two false alarms this last week, and recently was forced to cancel several examinations because of threats to the large lecture halls where they were scheduled. Since the Harvard bombing about a month ago, access to a number of MIT buildings has been restricted at night to those with MIT identification or those having legitimate business in the building. The Institute has augmented its campus security, involving additional effort on the part of the Campus Patrol.

Faculty sets self-discipline

By Joe Kashi

The faculty voted Wednesday to accept ad hoc procedures for hearings to be held shortly against faculty members involved in last January's takeover of the President's office.

In a related action, the faculty rejected after debate a motion to incorporate permanent regulations concerning faculty participation in protest demonstrations into the Bylaws of the Faculty. The motion had been offered by Professor James Fay, II, formerly Chairman of the Staff Administration Committee, who had presided over the hearings devoted to formulating the regulations.

The procedural motion was hotly debated, with several faculty questioning why a codification of the hearing procedure was needed at all. They maintained that there was an unwritten "common law" that set guidelines for permissible activity in demonstrations, and that use of this "common law"

would more likely result in a just conclusion. Professor Jerome Lettvin, VI, said that "Historically, codification of common law leads to repression... common law is never finished and should be constantly redefined." Justice would be better served, said Lettvin, by letting the hearing committee consider each case on its individual merits, taking commonly held informal guidelines into account.

Fay replied by saying that the proposed hearings would be a delicate matter that the committee did not know how to handle. Further, he said that they merely wished the advice of the faculty in trying to decide how to handle the matter. Fay said that the committee had been set up to handle disputes between faculty and administration, and that it must consider all charges that are preferred.

The hearings, which Fay says will proceed along guidelines set by the American Association of University Professors (AAUP),

can result in several forms of punitive action, including dismissal of a tenured professor such as Kampf.

Professor Victor Weisskopf, Chairman of the Physics Department, said that he objected to the proposed arrangements, as they amounted to defining the unacceptable participation after its occurrence.

Professor Salvador Luria VII, challenged the committee's failure to attempt a private reconciliation between the parties as required by AAUP regulations. Fay answered that the committee felt a reconciliation impossible, and thus did not attempt to effect one. Fay did emphasize, however, that the procedures that the committee presented to the faculty were completely ad hoc and pertained only to the case involving the occupation of the President's office.

The motion passed by a 2-1 margin. Johnson then asked the faculty to consider adding similar permanent guidelines concerning dissent activities to the Bylaws. These guidelines were rejected after several members of the faculty stated they felt that faculty knew what was not acceptable and that codification would impose a structure around which an incident would be judged and thus prevent it from being judged on its merits. The faculty also rejected, despite several requests by Johnson, a motion which would bring the question of codified faculty discipline procedures before the faculty again at a later date.

MIT warns 28 BSU members

BSU members cited for
Club party disruption;
no charges as yet

By Walter Middlebrook

Approximately 28 members of the Black Student Union have received letters informing them that they are liable to disciplinary actions.

The disclosure was made Tuesday night at a joint meeting of MIT SDS, the University Action Group (UAG), and PL.

The letters, from the office of the Dean of Institute Affairs, informed the students that they had been identified as persons participating in the disruption of a party given at the MIT Faculty Club last Saturday night. According to the letters, the students' actions are now subject to the Institute's disciplinary

process, but, as of Wednesday, no charges had been filed.

Administration present

Much to the discontent of many students present at the open meeting, certain members of the MIT administration and faculty were also present. These were: James Culliton, assistant to Mr. Wynne; Kenneth R. Wadleigh, a vice president of MIT; Prof. Zenon Zannetos, president of the Faculty Club; and Mr. Byers, member of the MIT News Bureau. They were subjected to much harassment in efforts to convince them to leave the meeting. According to these administrators, they had come to help, at least by bringing information concerning the situation, including legal matters, for both students and workers and were not trying to waste anyone's time. With them the administrators brought copies of a report "Background Informa-

tion on the Faculty Club Labor Dispute." It was prepared for the Club by Prof. A. J. Siegel and was based "on meetings and conversations with a number involved in the matter."

Contacted by *The Tech* Siegel explained that he had not been directly involved in the dispute, and had prepared the report at

(Please turn to page 3)

Radical group raided, Katsiaficas arrested

By Lee Giguere

Two former MIT students, George Katsiaficas and Richard Elwyn, were arrested Tuesday during a raid by the Cambridge police on the People's Information Center headquarters at 452 Franklin Street, Cambridge.

The pair, along with five others, were charged with conspiracy to violate the firearms laws, conspiracy to violate the narcotics drugs laws, and for being present where narcotics were found. In addition, Elwyn was charged with possessing narcotics.

After arraignment Wednesday in Middlesex County Third District Court, Katsiaficas was released on \$100 personal recognizance while Elwyn is still being held. Their case was continued until December 18.

The police, armed with a search warrant and battering ram, entered the group's second-floor apartment after battering down the steel-mesh

reinforced front door. While the seven residents were held at machinegun-point, a search was conducted in their second floor rooms and attic. Seized were a cache of four 12-gauge shotguns, one rifle, one pistol, and six machetes with 844 rounds of ammunition. In addition, the police discovered 100 pills and substances claimed to be marijuana and hashish.

The People's Information Center, termed a "revolutionary communist group" by the *Boston Herald Traveler*, published the underground newspaper *Juche*. They also coordinated a food-purchasing cooperative involving 200 persons, most of whom lived in commune-type groups as did the seven arrested.

The other five charged were: John H. Brown, 22, and Ronald Brazao, 27, both of Somerville; Marya Merrick, 21, of Everett, Washington; William S. Anderson, 21, and David A. Tarlo, 24, of the Franklin Street address.

After a year of study and preparation, the MIT Commission on Education will present its report to the community early next week. The document should prove a crucial focus for discussion of educational reform, research policy, governance, and the relation of technology to society.

For complete coverage of the Commission report, as well as analysis and a review of the earlier Lewis Commission study undertaken 20 years ago, read the Tuesday issue of *The Tech*. Then throughout December turn to the editorial page for guest columns by faculty members, students, and administrators as the MIT community discusses the Commission's findings and proposals.

FIVE BALLS DUE FOR PINBALLERS IN STUD CENTER

Five-ball pinball machines will soon return to the Student Center gameroom.

In an exclusive interview with *The Tech*, Student Center Committee (SCC) Chairman John Gunther outlined the compromise SCC had reached with Joe Bisaccio, kingpin of the pinball franchise on MIT's campus.

Compromise details

At least four, and sometimes five or six of the machines will offer five balls for a dime. New machines brought into the gameroom will be set for three balls; the old ones they replace will be boosted to five. But the new agreement stipulates that no more than three machines at a time may be programmed for three balls. Current plans forecast an average of seven or eight machines operating in the room.

'Freaks' and 'wizards'

What factors influenced the compromise? Gunther said that the pinball players here can be divided into two classes—the "freaks" out for maximum enjoyment, and the "wizards" out to test their skill with the machine.

The freaks don't expect to win games, so they don't particularly care whether the ball rolls true or the bumpers bump correctly. For them, five balls are needed.

The wizards, on the other hand, expect to play six games for their quarter; they demand the true roll and good bounce only a new machine can provide. Besides, Gunther continued, it's easier to win with three — "you only need one high scoring ball to near the replay score, rather than two or three."

classified advertising

GRAFT & CORRUPTION: YES! There's graft and corruption to be had for the asking. Also free pizzas. Come to Room 485 in the Student Centre and ask about it.

MEN! Contraceptives by mail. Free catalogue. No obligation. Write: POP-SERVE, Box 1205-PQ, Chapel Hill, N.C. 27514.

Live in with Family in Brookline in return for occasional babysitting and errands. Need car. Private room with bath. Country atmosphere. Ideal for student doing thesis. Call evenings 731-5769.

APARTMENT FOR RENT for MIT Affiliated Family. Available Dec. 15. 2 Bedrooms. \$220. New building, heat, cooking gas & parking included, air conditioner, one block from Mass. Ave. bus. Contact Dr. Braun, MIT ext. 5598 or 643-9359 (eves.).

FURNITURE FOR SALE. 1 grey triple dresser 51" x 32" h. 1 walnut bachelor chest with shelf, 32" long, 31½" high. \$25 each (cash). Call 862-7534.

SUMMER IN EUROPE. \$199. Boeing 707 Jet. 6/7 - 9/5 N.Y./London R/T, 6/29 - 8/28 N.Y./London R/T. Price is on 95 seats. Open only to the students and educational staff of MIT and their immediate families. Call MIT Student Flights. 864-0642 between 1 and 3 pm.

'67 TR GT-6 w/'69 trans, wire wheels; '67 VW bug w/sunroof; both excellent condition. 244-4035 after 6 or weekends.

MEN! — Don't take chances! Now, you can get imported and nationally known male contraceptives through the privacy of the mails. Details free, no obligation. Write: POP-SERVE, Box 1205-NQ, Chapel Hill, N.C. 27514.

ARROW SHIRTS



START A FASHION REVIVAL

Today, the best menswear look is a successful updating of the highly masculine styles of the twenties. Arrow's gone all-out for the all-man fashions. Their 1920's inspired shirts in solids and stripes look bold and wear well because they're Decton Perma-Iron. Get into a classic mood with new shirts from Arrow. Priced \$8 to \$10.

the Coop

HARVARD SQUARE
MIT STUDENT CENTER
CHILDREN'S HOSPITAL MEDICAL CENTER



SCEP plans critique of Commission report

By Kyle Richardson

MIT's Student Commission on Educational Policy established a preliminary task force Wednesday to critique the MIT Commission Report which will be released on Monday.

Ed Grossman '71, co-chairman of SCEP, foresaw the task force evolving as a subcommittee of the General Assembly committee criticizing the Commission Report. Grossman suggested that the background and interests of the SCEP members might make the committee an apt candidate for in-depth study of possible MIT grading systems and Institute requirements.

SCEP will also distribute, in December, experimental course and instructor evaluation forms. These questionnaires will weigh a course's fulfillment of student expectations against that of faculty expectations. SCEP expects this evaluation to lead to improvement of certain departmentally-required courses that presently turn away prospective majors. The final form of the questionnaire will be issued for second term evaluations in June.

Future SCEP work includes evaluation of the IAP and research for a February recommendation on the choice of MIT President Howard Johnson's replacement.

(Continued from page 1)

the administration's request, to serve as a general background document of the issue and events surrounding it. He also said that he had discussed the finished report with Herb Lee who had questioned it on only one point.

Later in the evening, another administrator, Associate Dean James J. Bishop (Student Affairs) entered the meeting and was given the same treatment as the other administrators. After stating that his presence there was in the interest of the Black workers and students, and counseling them, he left.

Union problems

During the course of the meeting, a worker, Herbert Lee, informed those present that earlier he had received a phone call from Mr. Frederick J. Cadagan, Assistant Business Agent of Local 254. What Mr. Lee interpreted from the conversation was that the union was worried about the racism charges and

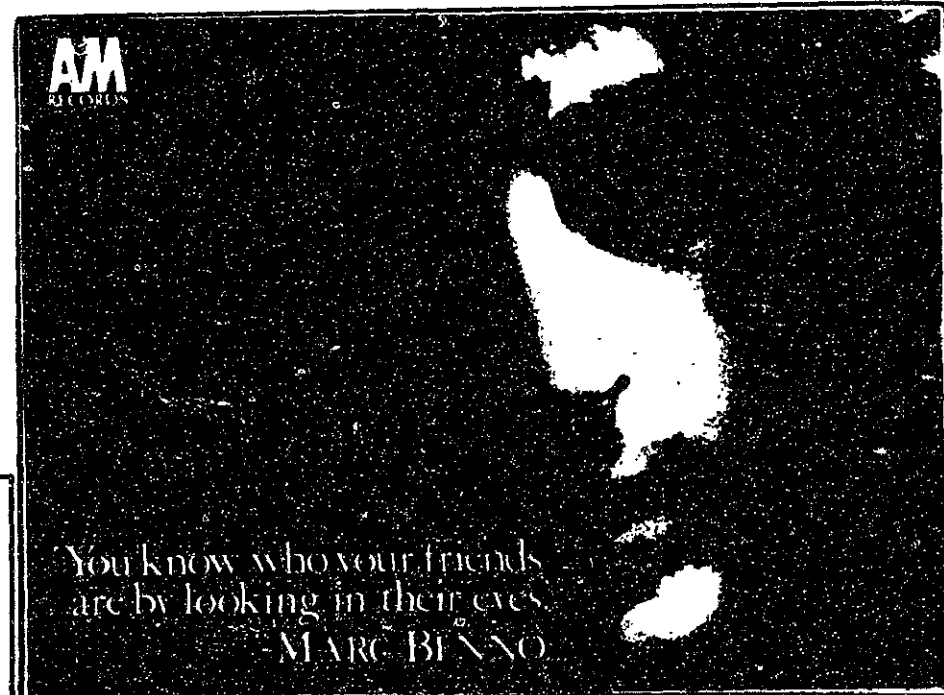
that he felt the workers' cause was justified. When asked about the three workers striking, the agent said that they could with union approval but they couldn't expect the other estimated 670 employees of MIT to walk out and strike in support of them. Lee went on to say that Mr. Cadagan had suggested they find a new union.

Late Wednesday evening, it was disclosed that agreement had been reached between the workers, MIT, and the Faculty Club on the \$3.26 wage issue without arbitration, but because of disapproval by the union

nothing could be settled. Before the wage issue agreement, the union had inactively supported the increase and immediately following the agreement actively began protesting it.

Campaigns to continue

After receiving notice of the dilemma of the Black students, all present at the meeting agreed that more action must be taken now to further the cause of workers and students. Although many suggestions were made before the group, it was decided that no actions will be taken by the group until after its Thursday night meeting.



You know who your friends are by looking in their eyes.
MARC BENNO

HIGHER EDUCATION; SECONDARY EDUCATION; SOCIAL-ECONOMIC DEVELOPMENT. Directories of Positions. New, innovative approach. Inexpensive. Effective. Write: Intercept/Sociocom, Harvard Square P.O., Box 317, Cambridge, Mass. 02138. Call: (617) 868-4150.



Alfred Sheinwold says:

"Practice on Autobridge® instead of your friends!"

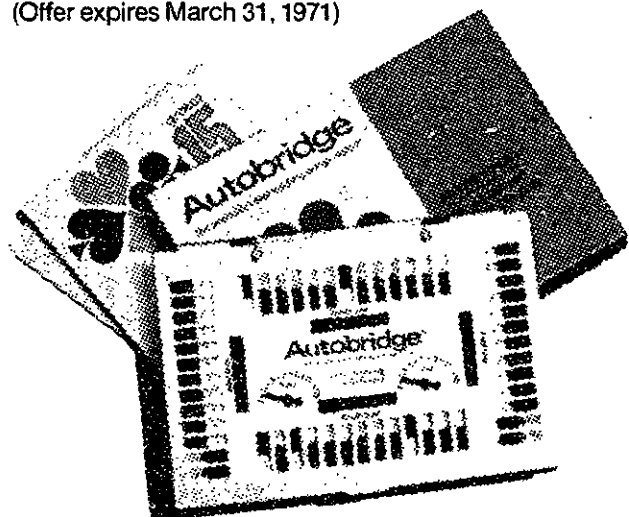
"If your bridge errors embarrass you, try practicing all by yourself with the AUTOBRIDGE board. Your progress will be painless, and very gratifying to you and all your partners."

BRIDGE MAGIC. Many bridge players rely on magic for their success. They try to sit in the lucky seats or to deal with the lucky deck. If things don't go well, they try sitting on a handkerchief. But in the long run you have the same kind of cards no matter where you plant your seat. You can do better with those cards by working with your head. If you get a poor result with a hand, look for your mistakes in bidding or play. When your partner has made the mistake, try to recall whether you led him astray or whether you could have saved him. You will find it easier to work with your head if you practice with AUTOBRIDGE hands. Playing one or two hands a day will work like magic to improve your game; magic that will follow you to any seat at the bridge table.

FREE! Point Count Bidding Guide.

Handy new version by Alfred Sheinwold. Write to Parker Brothers, Inc., Box #60-469W, Minneapolis, Minn. 55460.

(Offer expires March 31, 1971)



AUTOBRIDGE® Self-Playing Bridge Game



Salem, Mass.,
Des Moines, Iowa

INTERACTIVE LECTURES

COSMOLOGY

by Prof. Philip Morrison, MIT

IMPLICATIONS OF THE APOLLO 11 LUNAR MATERIAL

by Dr. John A. Wood, Smithsonian Observatory

THE SYMBIOTIC THEORY OF THE ORIGIN OF HIGHER CELLS

by Prof. Lynn Margulis, Boston University

EXPERIMENTS ON THE ORIGIN OF LIFE

by Prof. Carl Sagan, Cornell

Freshmen and sophomores who are curious about the topics above are invited to use an experimental system containing these four interactive lectures, which were recorded specifically for individual listening. The lectures are unique in that they include a great many recorded answers to interesting questions. The answers extend and deepen the discussion, and can be quickly and conveniently accessed.

If you would like to try the system, please call 864-6000, ext. 2800, or write a short note to Stewart Wilson, Polaroid, 730 Main St., Cambridge (near MIT), mentioning when you might be free and how you can be reached.

'71, '72, '73 proudly present

TOM RUSH and Art & Happy Traum in Concert

Sat. November 21 in Kresge Auditorium
Two Shows 8 and 10 pm
Only \$3 per seat

tickets are now available in Building 10 or call x4720
remaining tickets will be sold at the door

OPEN TO THE ENTIRE MIT COMMUNITY

Commission report

Educational reform efforts at MIT over the past few years have been scattered among several groups. Faculty and students have combined to produce the Experimental Study Group and Unified Science Study Project experiments in freshmen education; the Sloan School has developed its Undergraduate Studies Program as a new approach for management; Mike Albert led an Ad Hoc Committee for Change that challenged traditional concepts of grading and required courses; and faculty members have tinkered with the freshmen requirements in math and physics.

Similarly, attempts at overhauling MIT's research policy have been scattered among various student and faculty groups; the same may be said for governance. While the multiplicity of groups has insured the involvement and inclusion of a wide range of opinions, it has frustrated to some extent attempts to develop a meaningful philosophical foundation for these efforts.

In the spring of 1969, President Johnson introduced his proposal for a new commission to consider all the aspects of the Institute's structure, as well as its relationship with society. Such a commission would be ideally suited to link together such reform ideas as those mentioned above.

Next week the MIT Commission on Education will release its report. We would urge faculty and students alike to read the report carefully and consider thoughtfully its implications. Serious discussion of the Commission's findings must begin next month, and *The Tech* urges that the Commission plan for seminars during January to encourage the most comprehensive studies possible.

Ultimately the faculty and students must consider the need for reshaping MIT. The Commission report should provide a useful groundwork for discussion.

D-Labs divestment

The Draper Labs are being divested.

If this seems like old news to the rest of the community, it may take some members of the General Assembly by surprise. Their vote Tuesday night asking for sufficient information so the community could "intelligently evaluate the appropriateness of these weapons projects (ULMS) for MIT" strikes us as foolish in light of the current state of the D-Labs.

When President Johnson announced the scheduled divestment last May 20 (perhaps all the

Assembly delegates were out on strike?), he made it clear that the Labs would be free to set their own research policy. Recent financial problems (see *The Tech*, October 2, 1970: "Finances stall D-Lab split") make it even more unlikely that the Labs would risk losing a large contract by airing the proposal for a community-wide debate.

In short, about the only response the Assembly is likely to get is an ironic chuckle. The Labs are going off on their own; they are undoubtedly not disposed to listen to the Assembly.

UAP Analysis

Curtain call for gay mixer

By Wells Eddleman

After two months of thorough research, discussion, and debate, the General Assembly has frankly recognized its powerlessness and dropped the gay mixer issue.

That was all the GA was prepared to do; fighting the MIT Administration requires a lot more organization and determination than the GA (or Student Body) presently has. Why should we have to fight the Administration to get simple things? Because otherwise they the benign despots, will determine what we can have. If we won't assert ourselves, we can wait till all the freshmen have Ph.D.'s and the only change in the Administration position will have come from simple attrition.

Dean Nyhart usually gets the "credit" for Administration intransigence on the gay mixer issue. In fact, he dutifully serves as a front for the straight Administration and super-straight sentiment in MIT and its alumni. Nyhart tries everything he can to be creative, to turn the issue into "education" or medical problems (but not into student control of the "student center"). But the fact is, the refusal of the

Administration to support the rights of the SHL is a political act based on the fact that these students are homosexual and radical. The "arguments" about the mixer show this fairly well:

First, there are legal problems. But the Institute lawyers couldn't find any. Then there's medical and sociological opinion on homosexuality, which is quite divided. Practice, including the BU SHL mixers and reaction on this campus, shows that the "aberration" theory of homosexuality isn't backed by the community. It is freely invoked by straights, but it shouldn't determine the issue of whether homosexuals have rights or not.

There's the fact that MIT SHL is political—as they put it, they aim to serve the gay community by building a consciousness of a gay community. Political organizations have the same rights as other organizations. But, of course, MIT's Administration doesn't want it to look as if MIT supports radical homosexuals—and that's *their* political stand.

One group the Administration side has used in the debate is the non-radical homosexuals.

This silent majority is invoked by a group of straights to explain why the straights are supporting denial of the rights of homosexuals. Of course, the straights are "protecting" non-radical gays from superstraight reaction. The same group of straights also proposes to perform a program of education about homosexuality for the community. One wonders if the Administration would dare tell the BSU that the solution to racism is more education, or that the blacks who do not protest have got to be protected from backlash by Administration denials of requests by protesting blacks.

The only valid objection the Administration has is that there will be some reaction by straights against gays if a mixer is held. Hatred of homosexuals is of a level comparable to racism among many people (perhaps it may be higher). But this is not a basis for the denial of the rights of homosexuals. If holding a mixer will provoke more bias against homosexuals at MIT, shouldn't MIT act to prevent that bias? If holding a mixer will

(Please turn to page 6)

Board of Directors

Chairman	Craig Davis '71
Editor-in-Chief	Alex Makowski '72
Business Manager	Bruce Weinberg '72
Editorial Board	Harvey Baker '72, Joe Kashi '72, Lee Giguere '73
Night Editors	Bill Roberts '72, Sandy Cohen '73
Sports Editor	John Kavazanjian '72
Photography Editor	Red VanDerson '71
Advertising Manager	Bob Elkin '73

Production Manager Stephen Rovinsky '72

Associate News Editor Duff McRoberts '72
Accounts Receivable Len Tower '73
Accounts Payable Larry Eisenberg '74
Circulation Manager Sandy Weiner '72

Production Staff Bill Kupsky '74, Sue Spencer '74
News Staff Dave deBronkart '72, Dick King '72
Bruce Schwartz '72, Bruce Peetz '73
Curtis Reeves '73, Dave Searles '73
Dave Bernstein '74, Drew Jaglom '74
Bill Mayhew '74, Jarvis Middleton '74
Kyle Richardson '74

Sports Staff Don Arkin '72, Steve Goldstein '72
Nakir Minazian '72, Ed Kavazanjian '73
Buzz Moylan '73, Randy Young '74

Entertainment Staff Jeff Gale '70, Jay Pollack '72
Bob Hunter '73, Manny Goldman '74

Staff Candidate Peter Materna '74

Second class postage paid at Boston, Massachusetts. *The Tech* is published twice a week during the college year, except during college vacations, and once during the first week in August, by *The Tech*, Room W20-483, MIT Student Center, 84 Massachusetts Avenue, Cambridge, Massachusetts 02139. Telephone: Area Code 617 864-6900 extension 2731 or 1541. United States Mail Subscriptions: \$4.50 for one year, \$8.00 for two years.

Printed by STI Publishing

Letters to The Tech

Torture

To the editor:

This letter is a written complaint to the Director of Libraries of the unbearable "hum" of the ballast transformers in the reserve book reading room of the Dewey library. It is outrageous that I pay \$4000+ to go to school here, yet I must torture myself by having to read in that room. Obviously the technology to eliminate the noise is available. Evidently the people in charge feel that it is easier to subjugate the "tools" of MIT than to bother to fix the problem. The primary purpose of this institution is education, so I won't accept any bureaucratic economic explanations as excuses for why I can't study my material.

Keith Tibbetts

Faculty Club

To the Editor:

Several students called my office requesting a copy of the report which Professor Abraham J. Siegel prepared for the Faculty Club. As you may know, Professor Abraham J. Siegel, who is an expert in the area of labor-management relations, has been asked by the Faculty Club to accumulate and report the background information associated with the recent dispute between the Club and three of its employees.

Realizing that the contents of the aforementioned report may be of interest to your readers, I wish to inform them that, if they wish, they can obtain their own copy either through my office, E52-321, or through Professor E. C. Brown, E52-373A. Thank you very much.

Sincerely,
Zenon S. Zannetos
President MIT Faculty Club

Concerts

To the Editor:

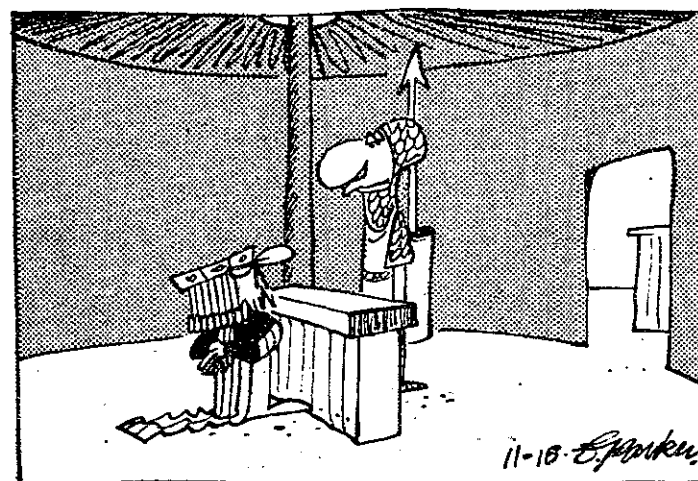
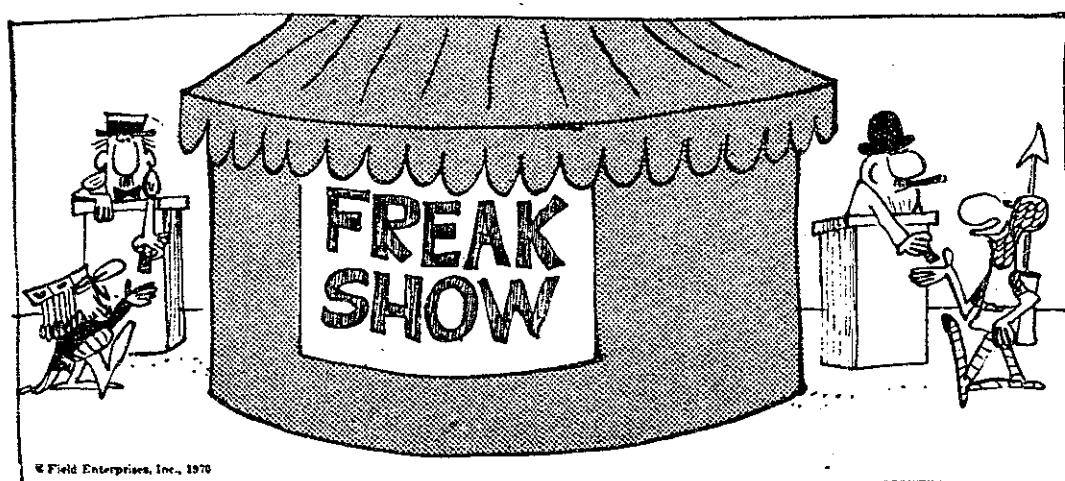
Weekends at MIT have died. Concerts are next. The main reasons usually cited are rising costs of entertainment, tightness of money, diversification of musical tastes, and the growing popularity of intoxicants other than beer.

A reason often forgotten is increasing apathy. The Mountain—David Rea concert failed. The Tom Rush—Happy and Artie Traum concert is having trouble. We had hoped that by sponsoring a concert on the MIT campus we would provide the student body with the entertainment of a well-known artist in a convenient location and at a price much less than they would pay for comparable seats for a comparable artist off campus.

We need your support. If you're undecided on what to do this Saturday night and like the idea of having concerts on campus, show your interest in having future concerts by going to see Tom Rush. If this concert fails as did the Mountain concert, it will probably be a long time before anyone will try to sponsor another well-known artist on campus.

The performances will begin at 8 and 10 pm Saturday night in Kresge. Tickets will be sold at the door. Your support is needed if there are to be any more concerts on campus.

Howard Jay Siegel
Chairman of GA Social
Committee Task Group



The Wizard of Id appears daily and Sunday in the Boston Herald Traveler.

New look for WPI

By Alex Makowski

Worcester Polytechnic Institute is on the threshold of an exciting educational experiment. Next fall the school will begin a three-year transition to the "WPI plan,"—the goal is an unstructured curriculum with a maximum number of opportunities available for the student to design his own education (see *The Tech*, November 3, 1970; "WPI charts bold reforms").

This grassy, tree-shaded campus hasn't always sheltered such creativity. Three and a half years ago I visited WPI while selecting a college; my dominant impression remains the image of freshmen wearing beanies and forced to take ROTC. Two years ago a WPI upperclassman gave me a lift across the Harvard Bridge; he referred to his school as "Whoopie Tech" and described his plans for transfer to UMass.

Hardly the type of place for a bold new educational philosophy. But falling admissions and student malaise forced the administration there to commission a study group charged with developing an alternative. Recently I visited WPI again, hoping to gain a more accurate picture of the school's life style.

'Early MIT'

WPI in many ways resembles MIT in the early 1900's, before the massive transfusion of government money made research and development here big business. There are no gleaming new computation centers, no high-rise buildings, and few graduate students. The sole large research facilities are a nuclear reactor and the particle accelerator housed in the physics building basement.

Rather, the school is oriented almost exclusively to undergraduate education. Of the campus's 1700 students, 1500 are pursuing Bachelor's degrees. Roughly 140 professors comprise the teaching staff—the undergraduates agreed that few graduate students do any more teaching than the occasional supervision of a lab course. Six hundred of the students live in the roughly dozen fraternities; seven-hundred live in the dormitories; the rest commute from nearby homes or apartments. Fifty coeds have been admitted within the past two years.

Conflicting reports

Students and teachers gave conflicting reports of the relationship between students and their professors. One senior was

enthusiastic, praising the faculty commitment to interacting with students, but a mathematics instructor who joined us chided him for exaggeration. As at MIT, most of the faculty live off campus; few return after class hours for campus cultural or social activities.

The consensus was that the large majority of professors were interested in forming closer ties with students, but the undergraduates have to provide the initiative to get the relationship started. There is an afternoon pub for students over 21 and faculty members, and several professors do come to share a glass of beer with the seniors. Few, however, join students for meals at the Institute dinings halls or fraternities.

Teaching commitment

The lack of research leaves time for a much greater individual commitment to teaching than is found at MIT. Many professors teach three courses a term; most teach at least two. The quality of the teaching varies, to be sure, but the students agreed that their professors were readily available for help.

Both students and faculty reaction to the new plan has been mixed. Most students agreed that the idea was a big improvement over the stifling requirements most departments enforced. A senior described just what the education was like when he enrolled as a freshman. All the departments had rigid course requirements: most students went through their first two years with time for just one elective. Freshman English, a literature course with four written essays, was required, but most students considered it a joke.

Already involved

Many students are already involved in the innovative ideas that form the plan's prelude. The senior mentioned above is now majoring in a combined technology/humanities curriculum, preparing for work in city planning. Roughly two dozen students spend their afternoons crawling through the sewer pipes at a nearby lake as part of an anti-pollution project. Estimates of the number of students actively involved in ecology work range from ten to 25 per cent.

Faculty members have been more reluctant to throw their whole-hearted support behind

the plan's implementation. Discussing their main fears, the Acting Chairman of the Math department, a member of the faculty committee that developed the experiment, cited a general fear of what the project could do to careers. Some faculty members fear that their students are not capable of managing their own education, while others worry about outside professional respect for the school.

Undergraduate life

As for undergraduate life, the students are rather detached from the problems MIT undergraduates have faced over the past two years. There is no campus leftist movement—"just a few individuals." Past years have seen the student government in the vanguard of successful attempts to strip ROTC of its compulsory status and end parietal restrictions; three desultory meetings this fall have produced little beyond committee reports and attempts at constitutional reform.

Last spring the campus was galvanized by the campaign for student body president between a typical student politician and "Fat Al," a 300-pound hippie. Fat Al eased into office on a 22 vote margin (900 students voted); three weeks later he dramatically pronounced WPI a "four year bummer" and left to seek his education in the streets. Barely 400 students voted in the later election last May to pick Fat Al's successor.

Social life

The social life has for many years been centered around the fraternities. "They have it made," one student disclosed. "Every weekend night, just like robots, girls from the local colleges march up to the fraternity parties."

Part of the tuition fee is \$30 earmarked for the social fund. Five dollars goes to the yearbook; the rest provides concerts (with reduced rates for students), movies, and occasional speakers. Students interviewed agreed that there is more to do on campus now than there was a couple of years ago: fewer students flee WPI on weekends for Boston.

Dormitories lousy

The dorms are apparently pretty lousy. One teacher likened them to hospitals: long, tiled corridors, periodically broken with doors. Some of the newer buildings experiment with suites and clusters, but the freshmen buildings retain the hotel atmosphere. Juniors and seniors serve as live-in counselors. Some are easy-going; others are "ROTC-types ready to leap at

GA concludes debate on SHL mixer issue

(Continued from page 1)

document ever written, with the possible exception of Dean Nyhart's letter." Asked what the SHL wanted the Assembly to do, Tillotson replied that the Dean's power is illegitimate—the GA should use their power, in the name of the students who should rightfully have it, to overrule Nyhart and schedule the mixer.

The GA, Tillotson continued, should oppose the direct oppression of MIT homosexuals evidenced by: 1.) the denial of the mixer; 2.) job discrimination against homosexuals; 3.) the inability of a gay person to obtain security clearance (determined by a federal law Tillotson says MIT should refuse to comply with); and 4.) discrimination at the draft office.

'Fifth act'

At this point Kevin George, Senior House representative, introduced a motion with: "We are in the fifth act of a play that should have stopped after three." He proposed that the Assembly reaffirm the right of a recognized student activity to use the Student Center facilities regardless of politics, sex, race, religion, or nationality (subject to normal Student Center Committee regulations), and disband the GA task force, thanking the members for their work.

Execomm member Greg

the first pungent smell."

Community relations

Finally, relations with the community seem to be excellent. As noted earlier, the campus stands politically somewhere between moderate and liberal; there have been no violent demonstrations. Students say the townspeople rank WPI far above the other local schools: the cabbies are friendlier; the bars will okay even underage Tech ID's; and the police will let a WPI student off with an admonishment. All this from a city one faculty member described as "straight hardhat."

What makes balsa wood so light? The cells of the wood are tubular in shape with large inner spaces so that the percentage of voids is large in relation to the solid cellulose, says the November SCIENCE DIGEST.

Chisholm backed the motion, arguing that, although the GA should back SHL, the delegates should do so all the way with a confrontation or else drop the issue. From the floor came a question for Ehrmann—could the Assembly win a showdown with Nyhart? Ehrmann's reply—the chances would be slim. The vote on George's motion was 22-1-4.

ULMS contract

Moving on to other business, the Assembly voiced its disapproval of a recently-signed Draper Lab contract for initial guidance development of the Undersea Long-range Missile System (ULMS). ULMS is a longer-ranged, higher-accuracy MIRV designed to be launched from improved submarines. The motion passed also voiced the GA's opposition to the "manner of secrecy in which this contract was undertaken." The Assembly requested that "the Executive Committee of the MIT Corporation and...the Board of Directors of the Draper Laboratories make public sufficient unclassified data on ULMS and any other weapons system contracts" accepted at MIT so the community could "intelligently evaluate the appropriateness of these weapons projects for MIT."

Alfred Hill, Vice President for the Special Labs, described the ULMS contract as the initial part of long-range programs for undersea military technology.

Faculty Club

The Faculty Club dispute, Ehrmann reported as the meeting continued, was discussed by the Executive Committee and judged not appropriate for GA action at present. Chisholm, speaking for the Black Student Union, added that the BSU felt that unless the GA was really going to get involved it should confine its actions to investigation.

vermont
design

now accepting traditional and contemporary crafts on consignment for our Main Street, St. Johnsbury, Vermont, store. Write Box 154, St. Johnsbury, Vermont 05819

Pakistani students plan collection for homeland

A group of Pakistani students at MIT has organized the Pakistan Cyclone Relief Fund to collect contributions to aid their country in recovering from last week's cyclone.

The group, which is working through the Foreign Student Office, began organizing this week, as they began to receive news of the disaster. Early in the week they placed a collection box in

building 10, and have also sent request notices to members of Institute living groups.

Community members wishing to contribute can send their donations to: Pakistan Cyclone Relief Fund, c/o Advisor to Foreign Students, Foreign Student Office, MIT room 3-107.

Students Can Rent Chevrolets or other fine cars



The Minicost Way
Cambridge (Central Sq.) Boston (Park Sq.)
354-1160 227-7368
No Lower Rates in Mass.

FACTORY OUTLET SALES

MEN'S & WOMEN'S
ZIP LINED RAINWEAR
AND
STORM COATS

MEN'S & WOMEN'S
WOOL-CORDUROY-FUR
OUTERWEAR
ALL STYLES — ALL SIZES

PARAMOUNT COAT COMPANY, INC.

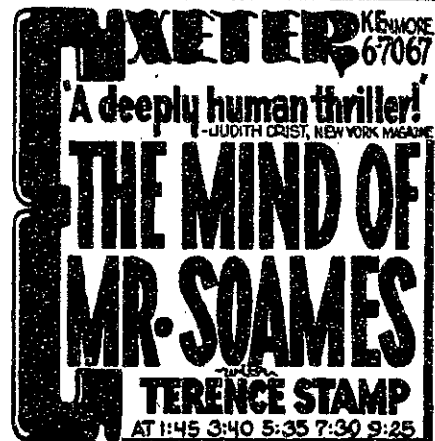
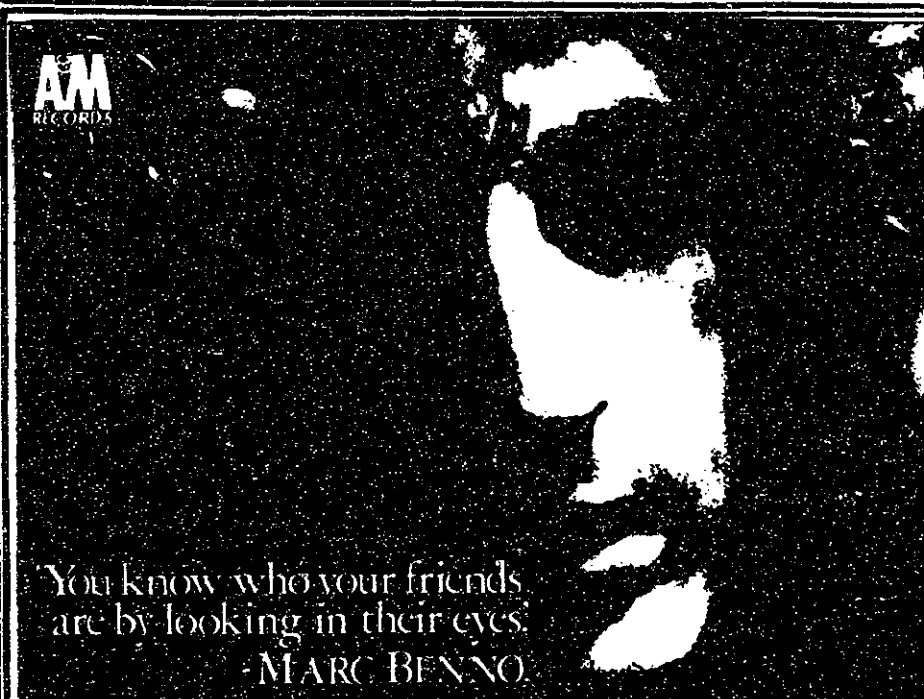
Take Elevator To Third Floor
143 ALBANY STREET — CAMBRIDGE, MASSACHUSETTS

HOURS: MONDAY THRU FRIDAY 10 A.M.-5 P.M. • SATURDAY 9 A.M.-2 P.M.

Located diagonally opposite to M.I.T. Nuclear Chem. Lab.



AIR CONDITIONED
29 CHURCH STREET
HARVARD SQ., CAMBRIDGE
TEL. 864-3018
PERRY V. WONG, MGR.



UAP Analysis

(Continued from page 4)

anger some alumni, or employees, or faculty, shouldn't we try to deal with that? Johnson angered a lot of alumni, employees, etc. by not calling in police to bust the occupation of his office, but he paid that cost because the cost of a bust would have been higher. It seems an absurd invitation to violence to have to invoke "higher cost if you don't let us have it" to get a gay mixer.

There must be a better way out. If it's to the Administration's advantage to keep denying the principal points (like human rights) while holding out carrots like "education" or a "closed mixer," let's reject their offers and drive home the point to

them. If they won't engage in rational discussion, perhaps we should just hold a gay mixer in a dorm, or even in the Student Center. But it's not clear that enough people really care about the rights of homosexuals to take on the Administration. And the Administration knows it.

Student Center officials warned that they may be forced to close the building if students continue to ignore posted warnings to avoid certain staircases. John Gunther, Student Center Committee chairman, has urged students to heed the signs and use the other staircase or the elevator until the workmen have finished installing the new doors.

4 students win Coop posts

By Lee Giguere

Four MIT students won posts on the Coop Board of Directors in this year's elections, along with seven student directors from Harvard.

In spite of dissatisfaction among members concerning this year's unusually low rebate, only four opposition candidates gained positions. The other seven, including three from MIT, had been nominated by the stockholders of the Society.

The new MIT student directors are: Joseph Angland '71, James Monk G, James Ziegenmeyer G, and John Newkirk '71, who had petitioned for a place on the ballot. Both Angland and Ziegenmeyer were members of last year's board, along with Paul Snover '71, the fourth stockholder-nominated candidate, who lost his bid for re-election.

Interviewed after his re-election, Angland explained that his prime goal for the Coop this year would be a "better system of shortage control." He noted that last year's shortages were bloated because the Coop had had a poor inventory control system until then, so that last year's figures were the result of losses incurred over several years. The low rebate received by members was an immediate result of artificially inflated re-

bates for the several years preceding.

Angland added that the economic "downwater" hit students the hardest and resulted in "ripping off" by students becoming more common. Losses were up, he noted, in most stores with large student trade volumes.

According to the general manager's office, 3,459 votes were cast out of a total mailing of 18,000 ballots.

Also contacted, Ziegenmeyer felt that "what should be done is already in progress" to alleviate the Coop's financial problems. A


new general manager, formerly a vice-president of Jordan Marsh, was hired this year with a specific mandate to cut losses. Not all the losses, Ziegenmeyer noted, were from shoplifting; both employee theft and accounting errors compounded the problem.

PREGNANT? NEED HELP?

Our service can give confidential alternatives to your problem. Call 1-215-878-5800 24 hrs a day. "A.R.S. a non-profit organization."

M. A. Greenhill presents

JAIME BROCKETT



in concert 8:30 PM
sat. nov. 21
JORDAN HALL 536-2412
tix: \$2.75 3.50

Announcements

* All students should obtain an examination schedule at the Information Office, room 7-111. Examinations not listed or a conflict in examinations must be reported to the Schedules Office by Wednesday, November 25, 1970.

* The Creative Photography Laboratory has abandoned the waiting list for 4.051. A lottery will be held to determine class composition, for which all interested upperclassmen submit their names between December 1 and December 14. For details, contact the Laboratory at W31-310.

* The Department of Humanities presents a free concert featuring John Heiss, flute, with Myron Press, piano, Philip Long, bassoon, Robert Freeman, oboe, and Gregory Tucker, harpsichord. Tuesday, November 24, at 8 pm in Kresge Little Theatre.

* Uglier: Is society repressing your ugliness? You are ugly! You should be proud of it! Join the elite corps of infinite slobos who are running for UMOC; November 30 to December 4. Contact APO, W20-415, x3788.

* The MIT and Simmons Glee Clubs and members of the MIT Symphony will perform Faure's *Requiem* and Buxtehude's *Command Thine Angel*; 3 pm Sunday, November 22 in the Sala de Puerto Rico. Admission free.

* Postdoctoral fellowships for study and research work in Norway are available from the Royal Norwegian Council for Scientific and Industrial Research. Application deadline is February 1, 1971; contact Dean Hazen, room 10-303, x5243.

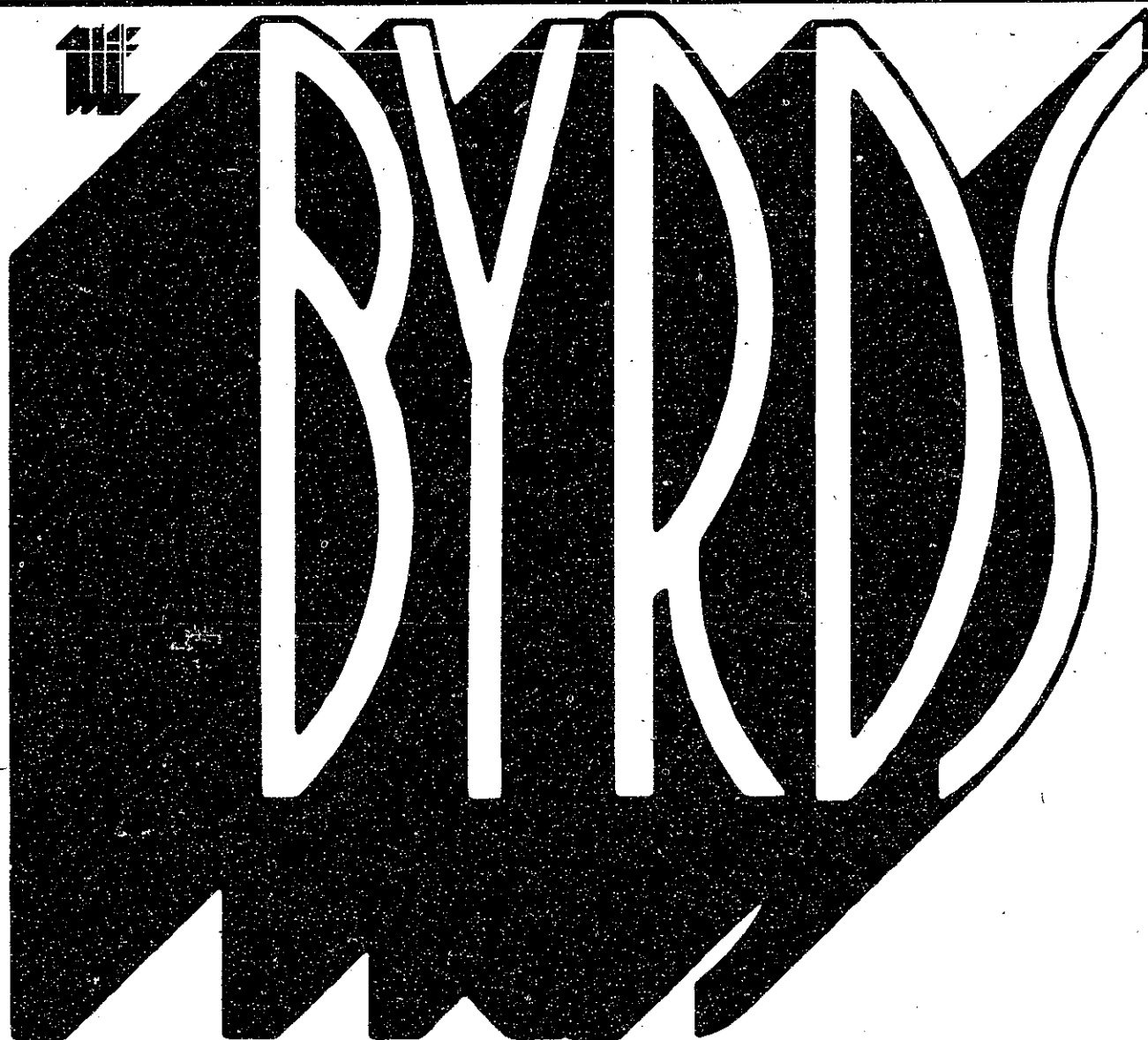
* Applications for the New York City Urban Fellowship Program for the academic year 1971-1972 are available in department headquarters. For information contact your department headquarters or Dr. Louis Menand, room 37-271, x7523. Application deadline is January 31, 1971.

* If you are interested in attending another US college or university under the Domestic Year Away program, contact Dean Hazen, room 10-303, x5243.

The MIT Concert Band
and the
Jan Veen Theater of the Dance
present a

Fall Formal Concert

of contemporary music
November 20, at 8:30 pm
Kresge Auditorium
Tickets available free in the lobby of Building 10.



All their albums on sale
November 19th thru 26th
at the lowest prices in town!

COOP SALE
PRICES
2.79 & 3.59

the
coop

HARVARD SQUARE
M.I.T. STUDENT CENTER
CHILDREN'S HOSPITAL
MEDICAL CENTER

bronze age



PEACE DOOR KNOCKER

THE PERFECT GIFT FOR
HOME OFFICE OR APARTMENT
QUALITY POLISHED BRONZE
LASTS A LIFETIME! FITS ANY DOOR!
SEND \$12.00 (INCLUDES SHIPPING & TAX)
CHECK OR MONEY ORDER PAYABLE TO
BRONZE AGE
280 NORTHERN AVE.
BOSTON, MASSACHUSETTS 02210

BRONZE AGE
280 NORTHERN AVE.
BOSTON, MASS. 02210

I have enclosed: \$ _____ for _____
(Name) (Quantity)

(Address)

(City) (State) (Zip Code)

The Tech Sports

Undefeated SAM is IM basketball leader

By Bob Dresser

The first round of the A1 league games is almost finished, and the team that has emerged as the team to beat is not pre-season co-favorites DU or SAE but SAM. The SAMmies edged the SAE 42-40 as the SAEIors blew the 39-34 lead that they had with two minutes to go. They then played defending champion DU and, despite a DU surge which changed a 15 point halftime deficit into a 37-37 tie, the SAMmies triumphed with Stu Nemser G sinking a pair of free throws to sew up the win.

SAM is 4-0 while DU and SAE are 2-1 pending the outcome of last night's game against each other. In other A1 action, SAM beat KS 38-32; SAE over AEPi-Beta 46-26; SAE over KS 50-21; SAM over AEPi 44-35; and DU over KS, 49-26.

In A league play, DTD and PGD have emerged as the strongest teams with both sporting 2-0 records. DTD beat BSU 33-32 and PLP 52-37 while PGD edged out TDC 37-35 and stomped SC 59-32. This year's A league seems to have a higher percentage of top caliber players than ever before.

Among the outstanding players around have been two freshmen, Tim Hult of PGD and Bart Strumpeck of DTD. Hult has averaged 26 points a game and Strumpeck 19.5. Neither, however, has faced the rugged defenses of the A1 league. In A1 the high scorer has been Roy Setterlund '72 of DU, who is averaging 18.5, a relatively low average for such high caliber play. Second to him is Steve Gass '72, also of DU, with a 16.5 average. After them comes Rich Stern of SAM and Ken Weisshaar of SAE, each with a 12.7 average.

Some of the more interesting games, however, have taken place in the C league with scores in all ranges. PLP 'B' beat MacGregor 'C' by the amazing score of 71-2 while MacGregor 'D' took TC 'B' in a tight contest by a 14-11 score. The round robin in most of the leagues will be finished before Thanksgiving vacation. Playoffs will start as soon as possible with the league wrapping up before Christmas.

Games of interest coming up include SAE-SAM Monday night in the cage at 9:30 and PGD-DTD on Sat. Dec. 1 at 9:30 pm (also in the cage).

HARVARD SQ.

Today - Tuesday!
WOODSTOCK
2:00 - 5:15 - 8:30

BRATTLE SQ.

Thru Sat! GRAND ILLUSION 6:00 - 9:20 & ALL THESE WOMEN 7:55 - SatMat 4:35
Sun - Tues! FORBIDDEN GAMES 6:50 - 10:00 & MAJOR BARBARA 5:15 - 8:25

CENTRAL 1

For 2 Weeks!
Bergman's SEVENTH SEAL
5:30 - 7:30 - 9:30 WkndMat 3:25

CENTRAL 2

For 2 Weeks!
Francois Truffaut's JULES AND JIM 5:45 - 7:45 - 9:45 WkndMat 3:45

Marksmen edge UMaine

Last Saturday the MIT varsity rifle team came up against its toughest test thus far in its unbeaten season by facing the University of Maine and squeezing out a narrow 1352-1342 victory: extremely fine scores by both teams.

The hot MIT gunners were led by seniors Karl Lamson, Bill Swedish, and Eric Kraemer who fired 275, 274, and 270 respectively out of a possible 300. They were followed by Tom Milbury '73 at 267 and Frank

Leathers '72 at 266 to complete the team score.

In a college rifle match up to ten shooters fire for a team with the top five scores comprising the team score. The five qualifiers were solidly backed with scores of 265 by Larry Krussel '73, 261 by Howie Klein '72, and a 252 from Jack Chesley '71.

Although the University of Maine presented the riflemen

with a tough challenge, an even stronger foe is to be met this weekend in the form of the US Coast Guard Academy. Each Tech shooter is capable of adding points to his score of last week and may have to in order to meet this challenge. MIT has never beaten Coast Guard in recent times, but this year's team has the best chance of knocking off the high-scoring sailors.



GREEK FOOD AT ITS BEST

The Parthenon Restaurant

New authentic Greek restaurant,
Modest prices, superb European wines,
variety of liquors. Open 11 a.m. - 11 p.m. Daily
924 Mass. Ave. in Cambridge Phone 491-9592

Be Prepared for the December LSAT

THE LAW SCHOOL ADMISSION TEST
REVIEW COURSE, INC.

class series: December 1, 5, 8, 12, and 15 at the Boston Statler-Hilton

For Information: call (617) 262-1864 or write Room 625, 53 State Street, Boston, Mass. 02109. Materials have been revised to conform with the October '70 exam.

Why doesn't General Electric talk about thermal pollution when they talk about nuclear power plants?

General Electric pioneered the development of nuclear power plants in 1957.

Right from the beginning, we felt that the greatest advantage of nuclear power was environmental. Unlike fossil-fueled power plants, nuclear plants don't burn anything to make electricity. And where there's no fire, there's no smoke.

But there's a possible disadvantage as well. It, too, is environmental. Thermal effects.

We recognize it.

One GE advertisement you may have seen recently pointed out that "all nuclear power plants discharge heat, as do fossil-fueled plants. America's utilities, with many years of experience, are working on thermal problems at nuclear sites on a plant-by-plant basis."

General Electric does talk about thermal effects. Because they are important, but also because we feel the facts about them are perhaps too little known.

Few people realize, for example, that federal law requires utilities to

operate their plants within strict temperature limits. Thirty states have even stricter laws. Utilities are spending millions of dollars on dilution flow systems, cooling ponds and cooling towers to comply.

But, in addition, utilities are sponsoring basic research on the problem of heat exchange and its effect on aquatic life. More than 97 utilities have been financially involved in over 300 such studies. And each one adds a little to man's scientific understanding of the problem.

Some interesting things have already come of it. For one, it's been found that, in some cases, adding heat to water can actually be beneficial. Warm irrigation water has extended growing seasons. Warm water has created new wintering ponds along waterfowl migration routes.

Power-plant discharge water is reviving Long Island's oyster trade. Florida is using it to grow shrimp and lobster. In Texas, it's increasing the weight of commercial catfish by as much as 500%.

Listing these benefits is not to beg the issue. Thermal effects remain a tough problem to solve at some sites. Each plant must be considered

individually, in its own environment, and this is being done.

General Electric, the electric utilities and environmentalists will continue to work. Work hard. Because we think the advantages of nuclear power far outweigh the disadvantages.

Why are we running this ad?

We're running this ad, and others like it, to tell you the things General Electric is doing to solve the problems of man and his environment today.

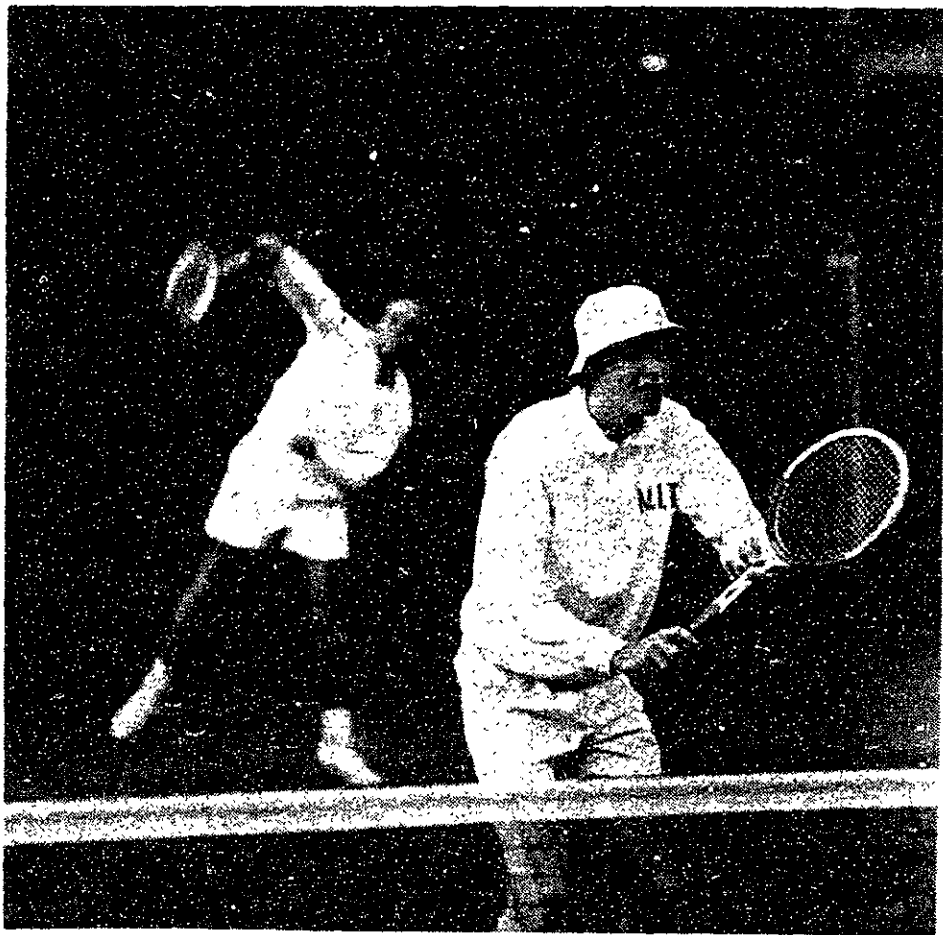
The problems concern us because they concern you. We're a business and you are potential customers and employees.

But there's another, more important reason. These problems will affect the future of this country and this planet. We have a stake in that future. As businessmen. And, simply, as people.

We invite your comments. Please write to General Electric, 570 Lexington Ave., New York, N.Y. 10022.

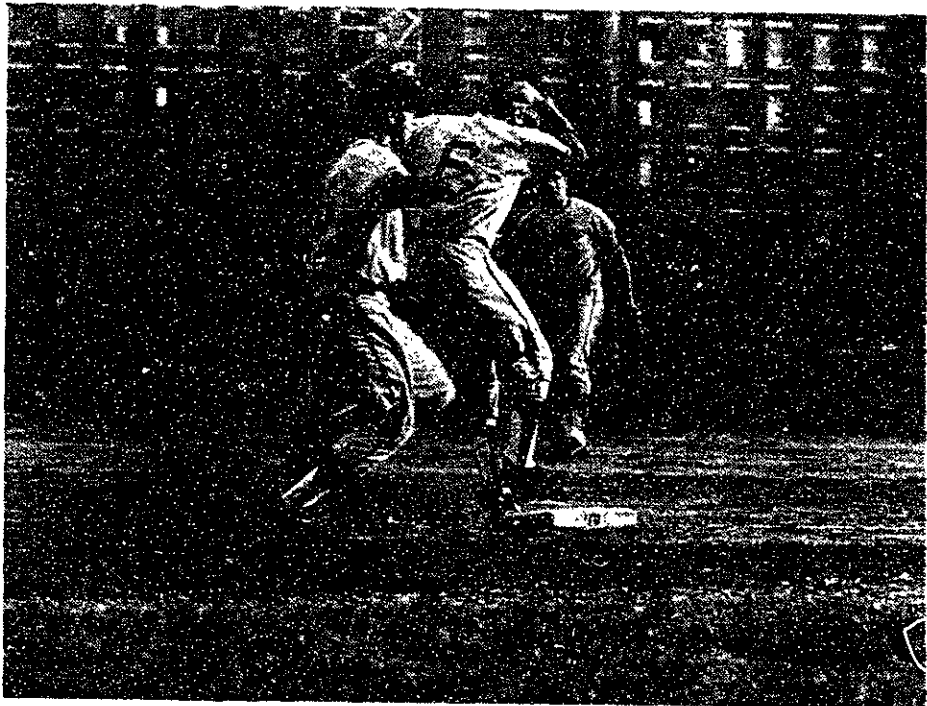
GENERAL  ELECTRIC

The Tech Sports



The Fall Season—a last look

Photos by Dave Vogel and Sheldon Lowenthal



Relax and Divert
CAMPUS CUE
590 Commonwealth Ave.
(Opposite B. U. Towers)
Pocket Billiards
"Great for a Date"

POT LUCK COFFEEHOUSE
FREE:
Food, drink,
atmosphere, entertainment
Every Friday evening, 8:30-12
Student Center
Mezzanine Lounge
TONIGHT:
DAVE GLUSS
and
PAUL MAILMAN

The
Harvard
Drama Club
presents
**Sartre's
Dirty Hands**
directed by
David Boorstin
November 12-15, 18-21
at 8:30 p.m.
Loeb Drama Center, Harvard
64 Brattle Street, Cambridge
Box Office: 864 2630

MASS. JUNIOR SKI CLUB
The Mass. Junior Ski Club, devoted totally to youngsters between the ages of 9 and 17, provides a complete program of professional ski instruction (beginners through experts), transportation, supervision, and fun skiing.
For complete information call 828-0149
day or evening

Second class postage paid at Boston, Massachusetts. The Tech is published twice a week during the college year, except during college vacations, and once during the first week in August, by The Tech, Room W20-483, MIT Student Center, 84 Massachusetts Avenue, Cambridge, Massachusetts 02139. Telephone: Area Code 617 864-6900 extension 2731 or 1541. United States Mail Subscriptions: \$4.50 for one year, \$8.00 for two years.

Friday, November 20, 1970